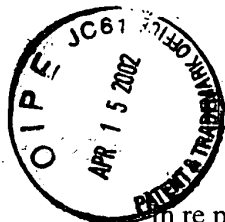


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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Möckel, *et al.*

Appl. No.: 09/715,035

Filed: November 20, 2000

For: **Novel Nucleotide Sequences
Encoding the pfkA Gene**

Art Unit: 1652

Examiner: C. Fronda

Atty. Dkt. 21123/274441

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TECH CENTER 1600/2900

Amendment and Response Under 37 C.F.R. §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 15, 2002, Applicants respectfully request reconsideration of the above-captioned application in view of the following amendments and remarks.

Amendments

In the Claims:

Please cancel claims 1-7 without prejudice.

Please add new claims 20-30 as follows:

- sub C1
B'
- 20. An isolated polynucleotide consisting of a nucleotide sequence encoding a protein with an amino acid sequence consisting essentially of that of SEQ ID NO:2.
 - 21. An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 70% identical to that of SEQ ID NO:2 and wherein said protein has essentially the same phosphofructokinase enzymatic activity as the protein of SEQ ID NO:2.

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01 FC:102 336.00 OP
02 FC:103 108.00 OP